

266/174

09/779,689

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APPLICANT:

Kiron M. Das

FILING DATE:

February 8, 2001

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LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S
INFORMATION DISCLOSURE STATEMENT

JAN 04 2002

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
MT	AA	5,869,048	02/09/99	Das	424	141.1	04/10/96
	AB						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	AC						
	AD						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AE	Alarcon-Segovia, et al., "Broken dogma: penetration of autoantibodies into living cells." Immunol. Today, Vol. 17, No. 4, (04/1996), pp. 163-164
MT	AF	Austin, et al., "The Majority of Epidermal T Cells in Psoriasis Vulgaris Lesions can Produce Type 1 Cytokines, Interferon- γ , Interleukin-2, and Tumor Necrosis Factor- α , Defining TC1 (Cytotoxic T Lymphocyte) and TH1 Effector Populations: a Type 1 Differentiation Bias is also Measured in Circulating Blood T Cells in Psoriatic Patients," The Journal of Investigative Dermatology, Vol. 113, No. 5, (11/1999), pp. 752-759
	AG	Bhagat, et al., "A Shared and Unique Peptide in the Human Colon, Eye, and Joint Detected by a Monoclonal Antibody," Gastroenterology, Vol. 107, (1994), pp. 103-108
	AH	Biancone, et al., "Autoimmunity to tropomyosin isoforms in ulcerative colitis (UC) patients and unaffected relatives," Clin Exp Immunol., Vol. 113, (1998), pp. 198-205
	AI	Biancone, et al., "Production of Immunoglobulin G and G1 Antibodies to Cytoskeletal Protein by Lamina Propria Cells in Ulcerative Colitis," Gastroenterology, Vol. 109, (1995), pp. 3-12
	AJ	Brandtzaeg, "Autoimmunity and ulcerative colitis: Can two enigmas make sense together?," Gastroenterology, Vol. 109, (1995), pp. 307-312
	AK	Brion, et al., "Regulated and constitutive secretion: Differential effects of protein synthesis arrest on transport of glycosaminoglycan chains to the two secretory pathways," J. Biol. Chem., Vol. 267, (01/1992), pp. 1477-1483
	AL	Coligan, "Isolation and analysis of proteins," Current Protocols in immunology, Vol. 2, Ch. 8, (1994), pp. 8.0.5-8.0.7
	AM	Coulier, et al., "Mechanism of activation of human <i>trk</i> oncogene," Mol. Cell. Biol., Vol. 9, No. 1, (01/1989), pp. 15-23
	AN	D'Argenio, et al., "Recombinant Factor XIII Replacement Therapy in Experimental Colitis in Rats," abstract, Gastroenterology: Immunology, Microbiology, and Inflammatory Disorders, Vol. 112, No. 4, (04/1997), p. A955
	AO	Das, et al., "A shared and unique epitope(s) on human colon, skin, and biliary epithelium detected by a monoclonal antibody," Gastroenterology, Vol. 98, (1990), pp. 464-469
	AP	Das, et al., "Autoimmunity to Cytoskeletal Protein Tropomyosin: A Clue to the Pathogenetic Mechanism for Ulcerative Colitis," The Journal of Immunology, Vol. 150, No. 6, (03/15/1993), pp. 2487-2493

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EXAMINER:
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M.E. Janney

DATE CONSIDERED:

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BA						
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FOREIGN PATENT DOCUMENTS

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BC						
BD						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

MJ	BE	✓ Das, et al., "Cell surface display of tropomyosin (TM), a putative autoantigen in ulcerative colitis (UC), is dependent on a colon epithelial-specific glycoprotein (CEP)," abstract, Gastroenterology: Immunology, Microbiology, and Inflammatory Disorders, Vol. 112, (04/1997), p. A955
	BF	✓ Das, et al., "The Production and Characterization of Monoclonal Antibodies to a Human Colonic Antigen Associated with Ulcerative Colitis: Cellular Localization of the Antigen by Using the Monoclonal Antibody," The Journal of Immunology, Vol. 139, No. 1, (1987), pp. 77-84
	BG	✓ Das, et al., "Relationship of Extraintestinal Involvements in Inflammatory Bowel Disease: New Insights into Autoimmune Pathogenesis," Digestive Diseases and Sciences, Vol. 44, No. 1, (1999), pp. 1-13
	BH	✓ Derventzi, et al., "Phorbol ester-induced reorganization the cytoskeleton in human fibroblasts during aging in vitro," Biochem. Biophys. Res. Commun., Vol. 182, No. 3, (02/14/1992), pp. 1423-28
	BI	✓ Dohlman, et al., "Long charge-rich alpha-helices in systemic autoantigens," Biochem. Biophys. Res. Commun., Vol. 195, No. 2, (09/15/1993), pp. 686-696
	BJ	✓ Geng, et al., "Tropomyosin Isoforms in Intestinal Mucosa: Production of Autoantibodies of Tropomyosin Isoforms in Ulcerative Colitis," Gastroenterology, Vol. 114, (1998), pp. 912-922
	BK	✓ Gimona, et al., "Specificity of dimer formation in tropomyosins: Influence of alternatively spliced exons on homodimer and heterodimer assembly," Proc. Natl. Acad. Sci. USA, Vol. 92, (10/1995), pp. 9775-9780
	BL	✓ Halstensen, "Epithelial Deposition of Immunoglobulin G1 and Activated Complement (C3b and Terminal Complement Complex) in Ulcerative Colitis," Gastroenterology, Vol. 98, (1990), pp. 1264-1271
	BM	✓ Halstensen, "Surface epithelium-related activation of complement differs in Crohn's disease and ulcerative colitis," Gut, Vol. 33, (1992), pp. 902-908 Abstract only
	BN	✓ Hamilton, et al., "Autoimmunity in ulcerative colitis: Tropomyosin is not the major antigenic determinant of the Das monoclonal antibody, 7E ₁₂ H ₁₂ ," Clin Exp Immunol, Vol. 99, (1995), pp. 404-411
	BO	✓ Hassan, et al., "Expression of a unique protein on colon cancer cells that reacts with a novel monoclonal antibody and ulcerative colitis serum," Clin Exp Immunol, Vol. 100, (1995), pp. 457-462
	BP	✓ Holmes, "Preparation of Cells and reagents for flow cytometry," Current Protocols in Immunology, Unit 5.3, (1994), pp. 5.3.1-5.3.23

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	CC						
	CD						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

ME	CE	Hussain, et al., "Leprosy patients with lepromatous disease recognize cross-reactive T cell epitope in the <i>Mycobacterium leprae</i> 10-kD antigen," Clin Exp Immunol, Vol. 114, (1998), pp. 204-209
	CG	Kesari, et al., "Externalization of tropomyosin isoform 5 in colon epithelial cells," Clin Exp Immunol, Vol. 118, (1999), pp. 219-227
	CH	Kesari, et al., "Rejuvenated expression of H-2K ^b in RMA-S cells does not affect alloreactive T cell- or natur cell-mediated lysis," Immunol. Letts, Vol. 38, (1992), pp. 77-83
	CI	Koren, et al., "Autoantibodies to the Ribosomal P Proteins React with a Plasma Membrane-related Target on Human Cells," J. Clin. Invest., Vol. 89, (1992), pp. 1236-1241
	CJ	Kuchler, et al., "Membrane translocation of proteins without hydrophobic signal peptide," Curr. Opinion Cell. Biol., Vol. 2, (1990), pp. 617-24
	CK	Lees-Miller, et al., "The molecular basis for tropomyosin isoform diversity," BioEssays, Vol. 13, No. 9, (09/1991), pp. 429-437
	CL	Liao, et al., "Antibody-mediated Autoimmune Myocarditis Depends on Genetically Determined Target Organ Sensitivity," J. Exp. Med., Vol. 181, (03/1995), pp. 1123-1131
	CM	Lin, "Differential localization of tropomyosin isoforms in cultured non-muscle cells," J. Cell. Biol., Vol. 107, (08/1988), pp. 563-572
	CN	Lin, et al., "Monoclonal antibodies against chicken tropomyosin isoforms: Production, characterization and application," Hybridoma, Vol. 4, No. 3, (1985), pp. 223-242
	CO	Lin, et al., "Tropomyosin Isoforms in Nonmuscle Cells," International Review of Cytology, Vol. 170, (1997), pp. 1-37
	CP	Marks, "Co-Expression of Human Tropomyosin Isoform 5 and a Novel Colon Epithelial Protein (CEP) in the Colon Epithelium and Extracolonic Organs Commonly Involved in Ulcerative Colitis," No. G4228
MS	CQ	Mayer, et al., "Evidence for function of Ia molecules on gut epithelial cells in man," J. Exp. Med., Vol. 166, (11/1987), pp. 1471-1483
MS	CR	McCool, et al., "Regulated and unregulated pathways for MUC2 mucin secretion in human colonic LS180 adenocarcinoma cells are distinct," Biochem J., Vol. 312, (1995), pp. 125-133

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DC						
DD						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

MS	DE	Mignatti, et al., "Release of basic fibroblast growth factor, an angiogenetic factor devoid of secretory signal sequence: a trivial phenomenon or a novel secretion mechanism," J. Cell. Biochem., Vol. 47, (1991), pp. 201-207
	DF	Mion, et al., "Risk of Graft HCV Infection After Liver Transplantation for Post-Hepatitis C Cirrhosis," AASLD, (04/1993), p. A955 Abstract
	DG	Mizoguchi, et al., "Cytokine Imbalance and Autoantibody Production in T Cell Receptor- α Mutant Mice with Inflammatory Bowel Disease," J. Exp. Med., Vol. 183, (03/1996), pp. 847-856
	DH	Mizoguchi, et al., "Role of Appendix in the Development of Inflammatory Bowel Disease in TCR- α Mutant Mice," J. Exp. Med., Vol. 184, (08/1996), pp. 707-715
	DI	Naparstek, "The role of autoantibodies in autoimmune disease," Ann. Rev. Immunol., Vol. 11, (1993), pp. 79-104
	DJ	Neu, et al., "Cardiac myosin induces myocarditis in genetically predisposed mice," J. Immunol., Vol. 139, No. 11, (11/1987), pp. 3630-3636
	DK	Novy, et al., "Human fibroblast tropomyosin isoforms: Characterization of cDNA clones and analysis of tropomyosin isoform expression in human tissues and normal and transformed cells," Cell. Mot. Cytoskel., Vol. 25, (1993), pp. 267-81
	DL	Onuma, et al., "Autoimmunity in ulcerative colitis (UC): a predominant colonic mucosal B cell response against human tropomyosin isoform 5," Clin. Exp. Immunol., Vol. 121 (2000), pp. 466-471
	DM	Romagnani, et al., "T cells and cytokines in Crohn's disease," Atopic Allergy and Other Hypersensitivities, (1997), pp. 793-799
	DN	Rubartelli, A. et al., "A novel secretory pathway for interleukin-1 β , a protein lacking a signal sequence." EMBO J., Vol. 9, No. 5, (1990), pp. 1503-1510
	DO	Saitoh, et al., "Cyclosporine Inhibits Interleukin-8 Production in A Human Colon Epithelial Cell Line (HT-29)," Gastroenterology: Immunology, Microbiology, and Inflammatory Disorders, (04/1996), p. A1007
	DP	Sakamaki, "Autoantibodies against the specific epitope of human tropomyosin(s) detected by a peptide based enzyme immunoassay in sera of patients with ulcerative colitis show antibody dependent cell mediated cytotoxicity against HLA-DPw9 transfected L cells," Gut, Vol. 47, (2000), pp. 236-241

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	EC						
	ED						

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MJ	EE	✓ Sakamaki, et al., "Autoantibodies in sera of patients with UC recognize tropomyosin peptide associated with HLA-DPw9," abstract, Gastroenterology: Immunology, Microbiology, and Inflammatory Disorders, Vol. 110, (04/1996), p. A1007
	EF	✓ Sasiain, et al., "Interferon-gamma (IFN-γ) and tumour necrosis factor-alpha (TNF-α) are necessary in the early stages of induction of CD4 and CD8 cytotoxic T cells by <i>Mycobacterium leprae</i> heat shock protein (hsp) 65 kD," Clin Exp Immunol, Vol. 114, (1998), pp. 196-203
	EG	✓ Sato, et al., "Secretion of the baby hamster kidney 30 kDa galactose-binding lectin from polarized and non polarized cells: A pathway independent of the endoplasmic reticulum-golgi complex," Exp. Cell. Res., Vol. 207, (1993), pp. 8-18
	EH	✓ Warren, et al., "Forced expression of chimeric human fibroblast tropomyosin mutants affects cytokinesis," J. Cell. Biol., Vol. 129, (1995), pp. 697-708
	EI	✓ Whitelock, "The degradation of human endothelial cell-derived perlecan and release of basic fibroblast growth factor by stromelysin, collagenase, plasmin, and heparanases," J. Biol. Chem., Vol. 271, No. 17, (04/26/1996), pp. 10079-10086
	EJ	
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